

12/28/00

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Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 81862.P217

(maximum 12 characters)

First Named Inventor Gary Goldman et al.

Title: VIRTUAL CONNECTION SERVICE CACHE FOR FILLING AVAILABLE BANDWIDTH

Express Mail Label No. EL672752244US

JC564 U.S. PTO  
09/749089  
12/26/00

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original, and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 19)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 6)**
5. ☐ **Oath or Declaration (Total Pages     )**
  - a. ☐ Newly Executed (Original or Copy)
  - b. ☐ Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed)
    - i. ☐ **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c. ☐ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

12/26/00  
JC720 U.S. PTO

09743089 12/26/00

Variable	Mean	SD	Min	Max
Age	38.5	10.5	25	55
Gender	Male	100%		
Marital status	Married	100%		
Education	High school	100%		
Occupation	Farmer	100%		
Religion	Islam	100%		
Income	Low	100%		
Health status	Good	100%		
Family size	4	2	2	6
Household size	4	2	2	6
Land size	10	5	5	20
Water access	Yes	100%		
Electricity access	Yes	100%		
Internet access	No	100%		
Mobile phone access	Yes	100%		
Health insurance	No	100%		
Health facility	Local	100%		
Health service	Free	100%		
Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
Health behavior	Good	100%		
Health status	Good	100%		
Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
Health behavior	Good	100%		
Health status	Good	100%		
Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
Health behavior	Good	100%		
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Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
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Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
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Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
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Health status	Good	100%		
Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
Health behavior	Good	100%		
Health status	Good	100%		
Health outcome	Good	100%		
Health satisfaction	Yes	100%		
Health knowledge	High	100%		
Health behavior	Good	100%		
Health status	Good	100%		

- 18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

(which is a \_\_\_\_ continuation/ \_\_\_\_ divisional/ \_\_\_\_ CIP of prior application no. \_\_\_\_\_,  
which is a \_\_\_\_ continuation/ \_\_\_\_ divisional/ \_\_\_\_ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

19. Correspondence Address

<b>X</b>	Correspondence Address Below
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CITY Los Angeles STATE California ZIP CODE 90025-1026

Country	U.S.A.	TELEPHONE	(408) 720-8300	FAX	(408) 720-9397
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Signature: Yoon Hwang H Date: 12/26/00

## FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) 862.00

**Complete if Known:**

Application No. Not yet known  
Filing Date Herewith  
First Named Inventor Gary Goldman  
Group Art Unit Not yet known  
Examiner Name Not yet known  
Attorney Docket No. 81862.P217

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
Deposit Account Name \_\_\_\_\_

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed: ☒ Check  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Credit Card  
Money Order  
Other

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
101	710	201	355	Utility application filing fee	<u>710.00</u>
106	320	206	160	Design application filing fee	_____
107	490	207	245	Plant filing fee	_____
108	710	208	355	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____

SUBTOTAL (1) \$ 710.00

**2. EXTRA CLAIM FEES**

			Extra Claims	Fee from below	Fee Paid
Total Claims	<u>24</u>	- 20** =	<u>4</u>	X <u>18.00</u>	= <u>72.00</u>
Independent Claims	<u>4</u>	- 3** =	<u>1</u>	X <u>80.00</u>	= <u>80.00</u>
Multiple Dependent				_____	= _____

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 152.00

00343039 432300

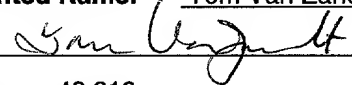
**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for ex parte reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for reply within first month	_____
116	390	216	195	Extension for reply within second month	_____
117	890	217	445	Extension for reply within third month	_____
118	1,390	218	695	Extension for reply within fourth month	_____
128	1,890	228	945	Extension for reply within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive - unavoidable	_____
141	1,240	241	620	Petition to revive - unintentional	_____
142	1,240	242	620	Utility issue fee (or reissue)	_____
143	440	243	220	Design issue fee	_____
144	600	244	300	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	130	123	130	Petitions related to provisional applications	_____
126	180	126	180	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	710	279	355	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____
Other fee (specify) _____					_____
Other fee (specify) _____					_____

**SUBTOTAL (3) \$ 0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Tom Van Zandt  
Signature:  Date: 12/26/00  
Reg. Number: 43,219 Telephone Number: (408) 720-8300

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor Gary Goldman

Title VIRTUAL CONNECTION SERVICE CACHE FOR FILLING AVAILABLE BANDWIDTH

Attorney Docket No. 81862.P217

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12/26/00  
Date

  
Signature

Tom Van Zandt

Typed or Printed Name

43,219

Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application.

**Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231